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# Bulletin of Business Research

- Published Monthly by THE BUREAU OF BUSINESS RESEARCH
- College of Commerce and Administration, The Ohio State University

Volume XXIV, Number 7 AUGUST, 1949 Subscription, $2 per Year

## The Trend of Business

### IN THE UNITED STATES

**Business Activity** for the 4 weeks ending August 20 was up 5 per cent from the previous 4 weeks but was 6 per cent below the corresponding period in 1948, and for the first 7 months of the year was 3 per cent below last year, according to the New York *Times* Business Activity Index.

**Freight Car Loadings** for the same 4-week period were up 8 per cent from the previous 4 weeks, but were 17 per cent below the same period last year, and for the first 7 months of the year were 12 per cent below last year.

**Bank Debits** outside New York City dropped 3 per cent in July from June, 4 per cent from July 1948, and for the first 7 months of the year were fractionally below the same period last year.

**Personal Income**, seasonally adjusted, dropped 1 per cent in July from June and 2 per cent from July 1948, but for the first 7 months of the year was 2 per cent above last year.

**Salaries and Wages Income** dropped fractionally in July from June and was 1 per cent below July 1948, but for the first 7 months of the year was 4 per cent above the same period last year.

**Industrial Production**, as measured by the Federal Reserve Board Index, dropped 4 per cent in July from June, 12 per cent from July 1948, and 7 per cent for the first 7 months of the year as compared with last year.

**Electric Power Production** was up fractionally in July from June, 2 per cent from July 1948, and for the first 7 months of the year was 4 per cent above last year.

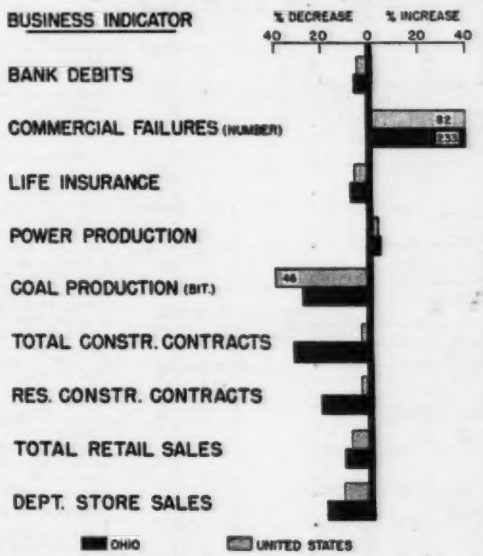
**Bituminous Coal Production** was down 26 per cent in July from June, 46 per cent from July 1948, and 16 per cent for the first 7 months of the year as compared with last year.

**Steel Production** was down 14 per cent in July from June and 18 per cent from July 1948, but for the first 7 months of the year was 4 per cent above the same period last year. The operating rate in the steel industry dropped to 71 per cent of capacity for July as compared with an operating rate of 82 per cent in June.

**Construction Activity**, as measured by the value of contracts awarded, was down fractionally in July from June, 2 per cent from July 1948, and 6 per cent for the first 7 months of the year as compared with last year. The frac-

*(Continued on Page 2)*

Ohio and United States Business
July, 1949 Compared with July, 1948




Source: Pages 1a and 2a.

### IN OHIO

**Bank Debits** in 16 Ohio cities were up 1 per cent in July from June, but were 5 per cent below July 1948, and for the first 7 months of the year were 1 per cent below last year.

**Agricultural Income** was up 63 per cent in July from June, but was 21 per cent below July 1948, and for the first 7 months of the year was 15 per cent below last year. The July increase from June in agricultural income was due primarily to the increase in income from grains.

**Electric Power Production** was up 1 per cent in July from June, 3 per cent from July 1948, and for the first 7 months of the year was 5 per cent above last year.

**Bituminous Coal Production** dropped 13 per cent in July from June, 28 per cent from 1948, and for the first 7 months of the year was 16 per cent below last year.

**Retail Sales** of independent stores dropped 5 per cent in July from June, 10 per cent from July 1948, and 2 per cent for the first 7 months of the year as compared with the same period last year.

**Department Store Sales** dropped 21 per cent in July from June, 18 per cent from July 1948, and 4 per cent for the first 7 months of the year as compared with last year.

**Dyers' and Cleaners' Sales** dropped 30 per cent in July from June, 11 per cent from July 1948, and 2 per cent for the first 7 months of the year as compared with last year.

**Living Costs** of 6 Ohio cities were down fractionally in July from June, 3 per cent from July 1948, and for the first 7 months of the year were 1 per cent below the same period last year.

Placements by O. E. S. declined 4 per cent in July from June, 15 per cent from July 1948, and for the first 7 months of the year were 24 per cent below last year.

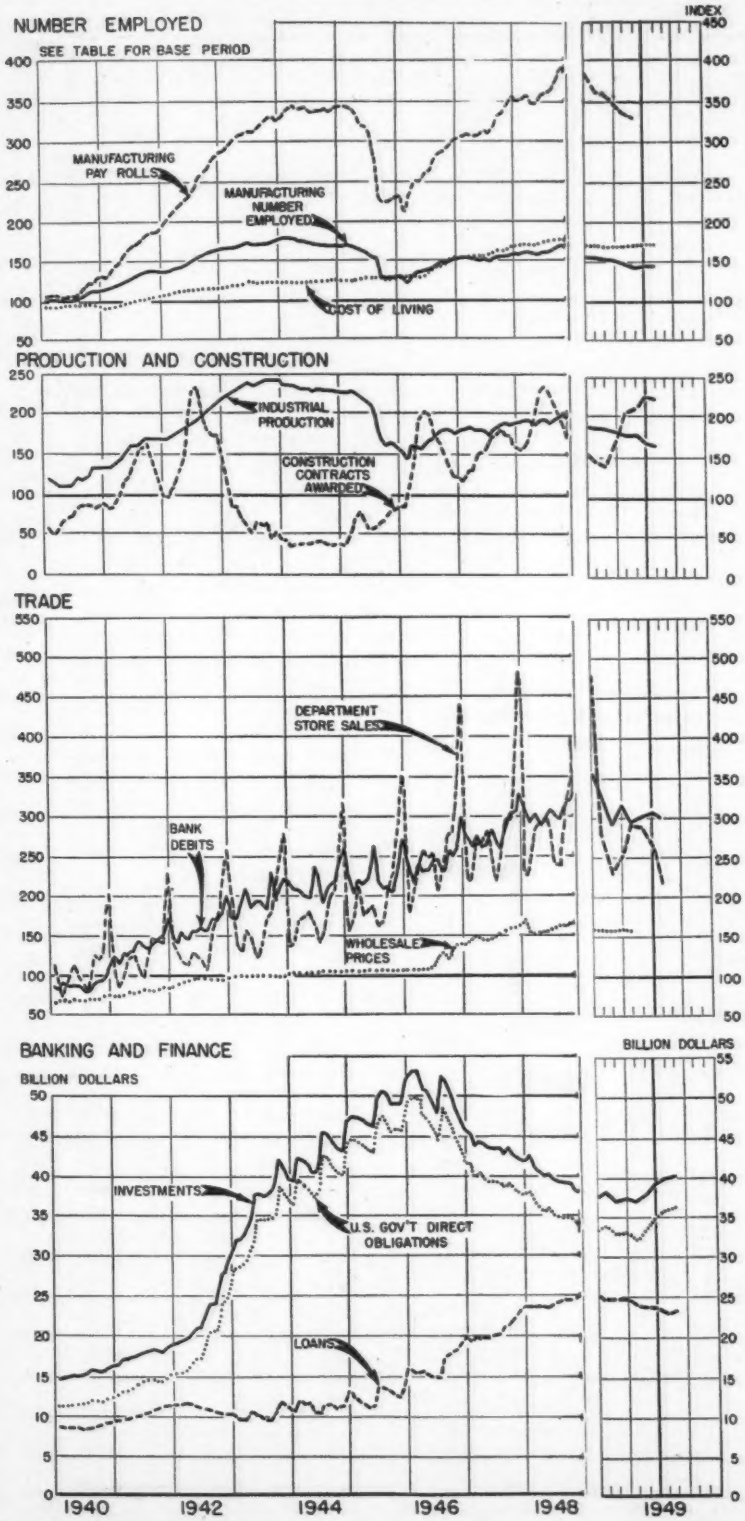
Registrations for work with O. E. S. dropped fractionally in July from June, but was 167 per cent above July 1948, and for the first 7 months of the year was 104 per cent above last year.

Total Benefit Payments dropped 8 per cent in July from June, but for the first 7 months of the year were 170 per cent above the same period last year.

Manufacturing Employment dropped 3 per cent in July from June, 15 per cent from July 1948, and 10 per cent for the first 7 months of the year.

Entered as second class matter March 3, 1926, at the Post Office at Columbus, Ohio, under the Act of August 24, 1912.
Acceptance for mailing at the special rate of postage provided for in section 1103, Act of October 3, 1917, authorized March 3, 1926.

# Business in the United States




## IN THE UNITED STATES

*(Continued from Page 1)*

tional decline in July from June was due to a drop of 8 per cent in residential construction. Non-residential and public works and utilities construction were up 4 per cent and 6 per cent, respectively. Public works and utilities construction was up 6 per cent in July from June, 16 per cent from last year, and 4 per cent for the first 7 months of the year.

**Retail Sales** of independent stores dropped 15 per cent in July from June, 7 per cent from July 1948, and 2 per cent for the first 7 months of the year as compared with last year.

**Department Store Sales** dropped 19 per cent in July from June, 10 per cent from July 1948, and 5 per cent for the first 7 months of the year as compared with last year.

**Department Store Prices** were down 1 per cent in July from June, 2 per cent from July 1948, and for the first 7 months were fractionally below the same period last year.

**Retail Food Prices** dropped 1 per cent in July from June, 7 per cent from July 1948, and 3 per cent for the first 7 months of the year.

**Cost of Living** dropped 1 per cent from June, 3 per cent from July 1848, and for the first 7 months of the year was fractionally below last year.

## FOOTNOTES FOR BULLETIN TABLES

†Change in number of failures; [a]Figures in parentheses show number of firms reporting this month; [b]Data not available; [c]Only percentage change available; [d]Adjusted for seasonal changes; [e]Bureau of Business Research estimate; [f]Adjusted for number of working days; [g]Data cover county area; [h]Includes additions, alterations and repairs along with residential and non-residential; [p]Preliminary; [r]Revised; [w]Weighted; [z]Less than 0.5%; [∞]More than 1,000% increase.

*Primary Sources:*

Computed from original data collected by the Bureau of Business Research from: [1]Local Power and Light Co's.; [2]County Clerk of Courts; [3]Ohio Cleaners and Dyers.

Computed by the Bureau of Business Research from data collected in cooperation with: [4]Bureau of the Census, U. S. Dept. of Commerce.

Computed by the Bureau of Business Research from special tabulations supplied by: [5]Bureau of Labor Statistics, U. S. Dept. of Labor; [6]Federal Power Commission; [7]Life Insurance Sales Research Bureau; and from data of: [8]Board of Governors of the Federal Reserve System; [9]F. W. Dodge Corporation.

Other Data Sources: [10]New York *Times;* [11]Association of American Railroads; [12]Dun & Bradstreet, Inc.; [13]American Iron & Steel Institute; [14]*Steel Magazine;* [15]Federal Reserve Board; [16]U. S. Dept. of Agriculture; [17]*Commercial & Financial Chronicle;* [18]U. S. Bureau of Labor Statistics; [19]Wards Reports; [20]Federal Power Commission; [21]Bituminous Coal Division, U. S. Dept. of Interior; [22]U. S. Steel Corporation; [23]F. W. Dodge Corporation; [24]*Chain Store Age;* [25]U. S. Dept. of Commerce; [26]Fairchild Publications; [27]Standard and Poor's Corp.; [28]Dept. of Rural Economics, O. S. U.; [29]National Industrial Conference Board; [30]R. L. Polk & Co.; [31]Ohio Bureau of Unemployment Compensation.

**BULLETIN OF BUSINESS RESEARCH**

*Published Monthly at the Ohio State University Press, Columbus, Ohio*

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*Subscription rates: $2.00 for 1 year; $3.50 for 2 years; $4.50 for 3 years.*

# ← U. S. Reference Data

| ITEM — Unit or Index Base Period | July 1949 | June 1949 | Change from Last Month: July 1949 from June 1949 | Change from Last Year: July 1949 from July 1948 | Change from Last Year: 7 mos. 1949 from 1948 |
|---|---|---|---|---|---|
| **General Business** | | | | | |
| **Totals, or Average Indexes for 4 Weeks Ended on Indicated Dates** | | | % | % | % |
| Bus. Activity[10] 8/20/49 *Comp. Norm.* | 141 | 135 | + 5 | — 6 | — 3 |
| Fght. Car Loadings[11] 8/20/49 *Thous.* | 2,900 | 2,682 | + 8 | — 17 | — 12 |
| Com. Failures[12] 8/20/49....*Number* | 708 | 679 | + 4 | + 72 | + 79 |
| **Calendar Months** | | | | | |
| • Bank Dbts. (Excl. N.Y.C.)[8,2] *1935–39* | 298 | 306 | — 3 | — 4 | — x |
| Seasonally Adjusted, at Ann. Rates: | | | | | |
| Tot. Pers. Income Pay.[20,d] *Bil. Dol* | 210 | 212 | — 1 | — 2 | + 2 |
| Salaries and Wages Inc.[20,d] " | 134 | 134 | — x | — 1 | + 4 |
| Non-Agricultural Inc.[20,d].. " | 191 | 192 | — x | + x | + 3 |
| Agr. Inc. (Cash f. Mktgs.)[16] *1935–39* | b | 316 | b | b | b |
| Life Ins. Sales[7]..... " | 192 | 214 | — 10 | — 5 | — 1 |
| Steel Ind. Oper. Rate[13]..% Capacity | 71 | 82 | — 14 | — 20 | + 1 |
| Securities Issued[17].—New..*Mil. Dol.* | 685 | 1,550 | — 56 | — 1 | — 1 |
| Securities Issued[17]—Refunding " | 79 | 94 | — 16 | — 7 | — 12 |
| **Employment and Pay Rolls[18]** | | | | | |
| • No. Employed—Mfg. .....*1939* | | | | | |
| No. Empl'd—Trade—Retail .... " | b | b | b | b | b |
| No. Empl'd—Trade—Whlsale... " | b | b | b | b | b |
| • Pay Rolls—Manufacturing .... " | | | | | |
| **Production** | | | | | |
| • Industrial Prod.[15] .....*1935–39* | 164 | 170 | — 4 | — 12 | — 7 |
| Elec. Power Prod.[20]..*Mil. of K.W.H.* | 23,684 | 23,617 | + x | + 2 | + 4 |
| Bitum. Coal Prod.[21].....*Thous. Tons* | 26,040 | 35,274 | — 26 | — 46 | — 16 |
| Steel Prod.[13] *Av. Weekly Tons Thous.* | 1,307 | 1,515 | — 14 | — 18 | + 4 |
| Pig Iron Prod.[14].....*Thous. Tons* | b | 4,819 | b | b | b |
| Mach. Tool Shipments[14].....*1945–47* | 61 | 79 | — 23 | — 3 | — 11 |
| **Construction (Value of Contracts Awarded—37 Eastern States)** | | | | | |
| • Total (Index)[15] 3 Mo.Mov.Av. *1923–25* | 223 | 225 | — 1 | — x | — 5 |
| Total[20] .....*Thous. of Dol.* | 543,560 | 945,676 | — x | — 2 | — 6 |
| Residential[20] ..... " " | 340,593 | 370,752 | — 8 | — 3 | — 10 |
| Nonresidential[20] ..... " " | 350,282 | 335,961 | + 4 | — 11 | — 7 |
| Public Works & Util.[20]. " " | 252,685 | 238,963 | + 6 | + 16 | + 4 |
| **Distribution** | | | | | |
| Retail Sales[20] .....% | e | e | — 15 | — 7 | — 2 |
| • Dept. Store Sales[15].....*1935–39* | 218 | 268 | — 19 | — 10 | — 5 |
| **Prices** | | | | | |
| • Wholesale Commod. Prices[19]....*1926* | 153 | 154 | — 1 | — 9 | — 5 |
| • Cost of Living[6].....*1935–39* | 169 | 170 | — 1 | — 3 | — x |
| Retail Food Prices[19]..... " | 202 | 204 | — 1 | — 7 | — 3 |
| Dept. Store Prices[20]..... " | 138 | 139 | — 1 | — 2 | — x |

**Banking and Finance**

| ITEM — Unit | Aug. 17 1949 | Aug. 18 1948 | Aug. 20 1947 | Change from Last Month Amt. | Change from Last Year Pr.Ct. |
|---|---|---|---|---|---|
| **Federal Reserve Banks[15]** | | | | $ | % |
| U.S. Gov. Securities...*Mil. Dol.* | 18,226 | 21,551 | 22,097 | — 248 | — 15 |
| Member Bank Borrowings " | 241 | 392 | 239 | — 120 | — 20 |
| **Member Banks—101 Cities[15]** | | | | | |
| • Total Loans ..... " | 23,261 | 24,090 | 20,892 | + 277 | — 3 |
| Bus. & Agr. Loans and Open Market Paper " | 12,939 | 14,872 | 12,301 | + 64 | — 13 |
| Brok. & Other Secur. Ins. ..... " | 2,072 | 1,431 | 2,047 | + 63 | + 45 |
| Real Estate Loans... " | 4,166 | 3,894 | 3,137 | + 32 | + 7 |
| Other Loans ..... " | 4,041 | 3,789 | 3,156 | + 19 | + 7 |
| • Total Investments .... " | 41,432 | 39,309 | 42,754 | + 1,152 | + 5 |
| • U.S. Gov. Obligations.. " | 36,485 | 34,904 | 33,527 | + 978 | + 5 |
| Demand Deposits ..... " | 46,050 | 46,746 | 46,780 | — 422 | — 1 |
| Time Deposits ..... " | | | | | |
| **Money[15]** | 15,276 | 14,877 | 14,462 | — 48 | — 3 |
| Money in Circulation.. " | 27,383 | 27,979 | 28,239 | + 17 | — 2 |
| Monetary Gold Stock.. " | 24,608 | 23,708 | 21,666 | + 90 | + 4 |
| **Security Markets[27]** | | | | | |
| Stock Prices—365 Ind. *In'x'35-39* | 130 | 134 | 130 | + 5 | — 3 |
| " " — 20 Rails " " | 96 | 118 | 105 | + 5 | — 18 |
| " " — 31 Util. " " | 100 | 97 | 101 | + 4 | + 2 |
| BondYld–Corp.Al+ (high gr.) % | 2.600 | 2.845 | 2.510 | — .039 | — 9 |

* Indicates Series Charted (page 2). For Sources and Footnotes, see page 2.

# Reference Data—Ohio

| ITEM | Unit or Index Base Period | July 1949 | June 1949 | Change from Last Month: July 1949 from June 1949 | Change from Last Year: July 1949 from July 1948 | Change from Last Year: 7 mos. 1949 from 1948 |
|---|---|---|---|---|---|---|
| **General Business** | | | | | | |
| | | | | % | % | % |
| • Bank Debits[6,f] (16 cities) | 1935–39 | 313 | 309 | + 1 | — 5 | — 1 |
| Commercial Failures[13] | Number | 50 | 53 | — 6 | +223 | +151 |
| Commercial Liabilities[13] | Thous. Dol. | 963 | 2,394 | — 60 | +143 | +111 |
| Life Ins. Sales[7] | 1935–39 | 175 | 198 | — 12 | — 7 | — 1 |
| Agr. Income[26]—Total | 1924–28 | 346 | 212 | + 63 | — 21 | — 15 |
| Meat Animals | " | 255 | 271 | — 6 | — 20 | — 12 |
| Dairy Products | " | 240 | 257 | — 7 | — 34 | — 25 |
| Grains | " | 918 | 102 | +800 | — 18 | — 15 |
| Poultry and Eggs | " | 172 | 176 | — 2 | — 12 | — 6 |
| • Electric Power Produc.[6,f] | 1935–39 | 238 | 237 | + 1 | + 3 | + 5 |
| Bit. Coal Prod.[21] 4 wks. | Thous. Tons | 1,718 | 1,966 | — 13 | — 28 | — 16 |
| **Construction (Value of Contracts Awarded)[9,f]** | | | | | | |
| • Total (Index) | 1935–39 | 344 | 395 | — 13 | — 32 | — 4 |
| Residential | " | 367 | 437 | — 16 | — 20 | — 16 |
| Nonresidential | " | 438 | 415 | + 5 | — 47 | — 1 |
| Public Works & Utilities | " | 202 | 317 | — 36 | + 16 | + 18 |
| **Distribution** | | | | | | |
| Retail Sales—Independent Stores[4] | | | | | | |
| All Lines[w] (2014)[a] | 1935–39 | 231 | 243 | — 5 | — 10 | — 2 |
| All Lines[w,d] (2014) | " | 235 | 237 | — 1 | — 10 | — 2 |
| All Wines[w,f] (2014) | " | e | e | — 1 | — 6 | — 1 |
| Food (289) | " | 213 | 210 | + 2 | — 7 | — 3 |
| Apparel (205) | " | 171 | 218 | — 22 | — 19 | — 7 |
| Furniture (163) | " | 179 | 207 | — 14 | — 23 | — 14 |
| Lumber (173) | " | 302 | 336 | — 10 | — 19 | — 12 |
| • Dept. Store Sales (35) | " | 211 | 267 | — 21 | — 18 | — 4 |
| Dyer's & Cleaners' Sales[3] (48) | 1939 | 216 | 308 | — 30 | — 11 | — 2 |
| Passgr. Car Reg. New[2] (41 co.) | No. | 20,606 | 20,591 | + x | + 33 | + 29 |
| Truck Reg. New[2] (41 cos.) | " | 1,999 | 2,189 | — 9 | — 36 | — 26 |
| Used Car Reg.[2] (41 cos.) | " | 49,354 | 49,500 | — x | + 5 | + 15 |
| Living Costs (6 cities)[20] | Jan. 1939 | 162 | 163 | — x | — 3 | — 1 |
| **Placements, Unemployment and Unemployment Compensation[21]** | | | | | | |
| Placements by O.E.S. | No. | 24,049 | 25,133 | — 4 | — 15 | — 24 |
| Registered for Work with O.E.S. | " | 195,625 | 196,386 | — x | +167 | +104 |
| Total Benefit Payments | Thous. Dol. | 6,081 | 6,635 | — 8 | +285 | +170 |
| Av. Receiving Benefits Wkly. | No. | 77,534 | 75,752 | + 2 | +273 | +149 |
| Wkly. Benefits Per Recipient | Dol. | 1,940 | 1,935 | + x | + 8 | + 7 |
| Unemployment Com. Fund | Mil. Dol. | 553 | 551 | + x | + 2 | b |
| **Employment, Pay Rolls and Earnings[5]** | | | | | | |
| Number Employed: | | | | | | |
| • Total[w] (3869)[a] | 1935–39 | 125 | 128 | — 2 | — 11 | — 7 |
| • Manufacturing[w] (1769) | " | 112 | 115 | — 3 | — 15 | — 10 |
| • Trade & Pub. Util.[w] (1342) | " | 121 | 124 | — 2 | — 5 | — 1 |
| • Construction (679) | " | 157 | 149 | + 6 | — 15 | — 14 |
| Pay Rolls: | | | | | | |
| • Total[w] (3869) | " | 289 | 293 | — 1 | — 9 | — 4 |
| • Manufacturing[w] (1769) | " | 262 | 271 | — 3 | — 14 | — 7 |
| • Trade & Pub. Util.[w] (1342) | " | 229 | 231 | — 1 | + 1 | + 4 |
| • Construction (679) | " | 316 | 290 | + 9 | — 18 | — 14 |
| • Man-Hours—Mfg.[w] (1756) | " | 122 | 127 | — 4 | — 17 | — 13 |
| Wage Earner Mfg.[w] (1756) | " | | | | | |
| Av. Hours Worked | No. | 38.2 | 38.5 | — 1 | — 2 | — 3 |

**Banking (4th Federal Reserve District)[15]**

| ITEM | Unit | Aug. 17 1949 | Aug. 18 1948 | Aug. 20 1947 | Change from Last Month Amt. | Change from Last Year Pr.Ct. |
|---|---|---|---|---|---|---|
| **Cleveland Federal Reserve Bank** | | | | | $ | % |
| U.S. Gov. Securities | Thous.Dol. | 1,681,002 | 2,066,069 | 2,233,348 | —22,873 | — 19 |
| Member Bank Borrowings | " | 10,087 | 28,741 | 27,532 | + 694 | — 65 |
| **Member Banks—4th District** | | | | | | |
| • Total Loans | Mil. Dol. | 1,435 | 1,500 | 1,320 | — 4 | — 4 |
| Bus. & Agr. Loans and Open Mkt. Paper | " | 803 | 931 | 750 | — 12 | — 14 |
| Brok. & "Other Secur." Loans | " | 92 | 102 | 151 | — 3 | — 10 |
| Real Estate Loans | " | 283 | 261 | 207 | + 3 | + 8 |
| Other Loans | " | 244 | 215 | 211 | — 2 | + 13 |
| • Total Investments | " | 3,098 | 2,883 | 2,935 | + 128 | + 7 |
| • U.S. Gov. Obligations | " | 2,735 | 2,534 | 2,619 | + 126 | + 8 |
| Demand Deposits | " | 3,058 | 3,058 | 2,922 | — 11 | 0 |
| Time Deposits | " | 1,371 | 1,330 | 1,307 | — 6 | + 3 |

• Indicates Series Charted (pages 3, 4, or 5). For Sources and Footnotes, see page 2.

# Business in Ohio

## OHIO EMPLOYEE GROSS EARNINGS[5]

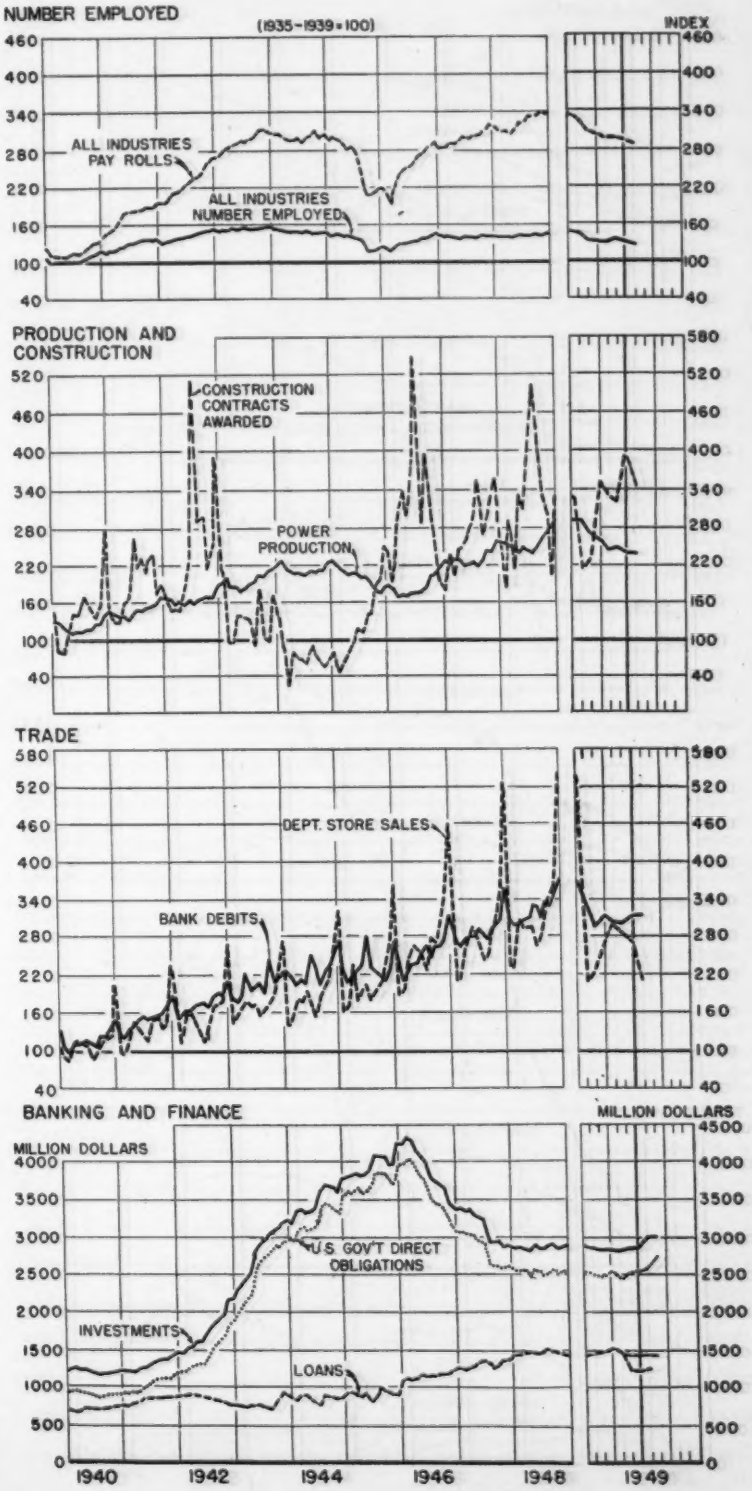
| AREA (County) | July, 1949 Weekly | July, 1949 Hourly | July, 1948 Weekly | July, 1948 Hourly |
|---|---|---|---|---|
| **Manufacturing:**[(1)] | | | | |
| Akron (62)[a] | $59.75 | $1.71 | $60.80 | $1.64 |
| Canton (74) | 45.67 | 1.50 | 49.35 | 1.50 |
| Cincinnati (312) | 56.28 | 1.42 | 54.54 | 1.34 |
| Cleveland (444) | 59.93 | 1.60 | 60.80 | 1.54 |
| Columbus (105) | 54.87 | 1.40 | 55.30 | 1.36 |
| Dayton (108) | 66.23 | 1.69 | 63.72 | 1.62 |
| Toledo (112) | 66.45 | 1.72 | 61.75 | 1.61 |
| Youngstown (36) | 54.53 | 1.69 | 59.20 | 1.53 |
| All Other Counties (697) | 56.39 | 1.48 | b | b |
| Total Ohio (1756) | 58.83 | 1.53 | 57.15 | 1.46 |
| **Nonmanufacturing**[(2)] | | | | |
| Akron (93) | 47.33 | 1.19 | 42.26 | 1.10 |
| Canton (70) | 44.46 | 1.12 | 41.42 | 1.03 |
| Cincinnati (243) | 45.32 | 1.11 | 43.01 | 1.02 |
| Cleveland (205) | 53.72 | 1.34 | 47.84 | 1.17 |
| Columbus (143) | 43.12 | 1.04 | 39.30 | .94 |
| Dayton (69) | 54.96 | 1.24 | 49.23 | 1.12 |
| Toledo (102) | 40.03 | 1.27 | 43.63 | 1.10 |
| Youngstown (60) | 45.84 | 1.14 | 43.18 | 1.05 |
| All Other Counties (417) | 48.98 | 1.21 | b | b |
| Total Ohio (1122) | 48.59 | 1.19 | 45.82 | 1.09 |
| **Construction:**[(3)] | | | | |
| Akron (31) | 77.17 | 2.01 | 71.04 | 1.88 |
| Canton (31) | 77.94 | 1.99 | 77.93 | 1.77 |
| Cincinnati (102) | 70.77 | 1.86 | 77.96 | 1.97 |
| Cleveland (181) | 85.12 | 2.23 | 86.15 | 2.16 |
| Columbus (82) | 62.01 | 1.65 | 68.11 | 1.61 |
| Dayton (56) | 71.86 | 1.97 | 72.65 | 1.92 |
| Toledo (45) | 75.93 | 2.05 | 77.05 | 2.03 |
| Youngstown (20) | 68.81 | 1.90 | 70.10 | 1.84 |
| All Other Counties (181) | 68.81 | 1.76 | b | b |
| Total Ohio (679) | 74.46 | 1.96 | 76.10 | 1.91 |
| **All Industries:** | | | | |
| Akron (186) | 55.62 | 1.51 | 55.36 | 1.47 |
| Canton (175) | 46.66 | 1.38 | 48.38 | 1.37 |
| Cincinnati (657) | 52.87 | 1.32 | 51.29 | 1.24 |
| Cleveland (830) | 58.84 | 1.51 | 56.99 | 1.42 |
| Columbus (280) | 49.12 | 1.22 | 47.66 | 1.15 |
| Dayton (233) | 62.72 | 1.54 | 59.68 | 1.47 |
| Toledo (259) | 59.84 | 1.54 | 55.56 | 1.43 |
| Youngstown (116) | 52.07 | 1.50 | 54.67 | 1.39 |
| All Other Counties (1295) | 54.38 | 1.39 | b | b |
| Total Ohio (3557) | 55.17 | 1.41 | 54.06 | 1.35 |

(1) Covers production workers including working foreman.
(2) Covers all employees except executives and other high-salaried employees.
(3) Covers construction employees except executives and other high-salaried employees.

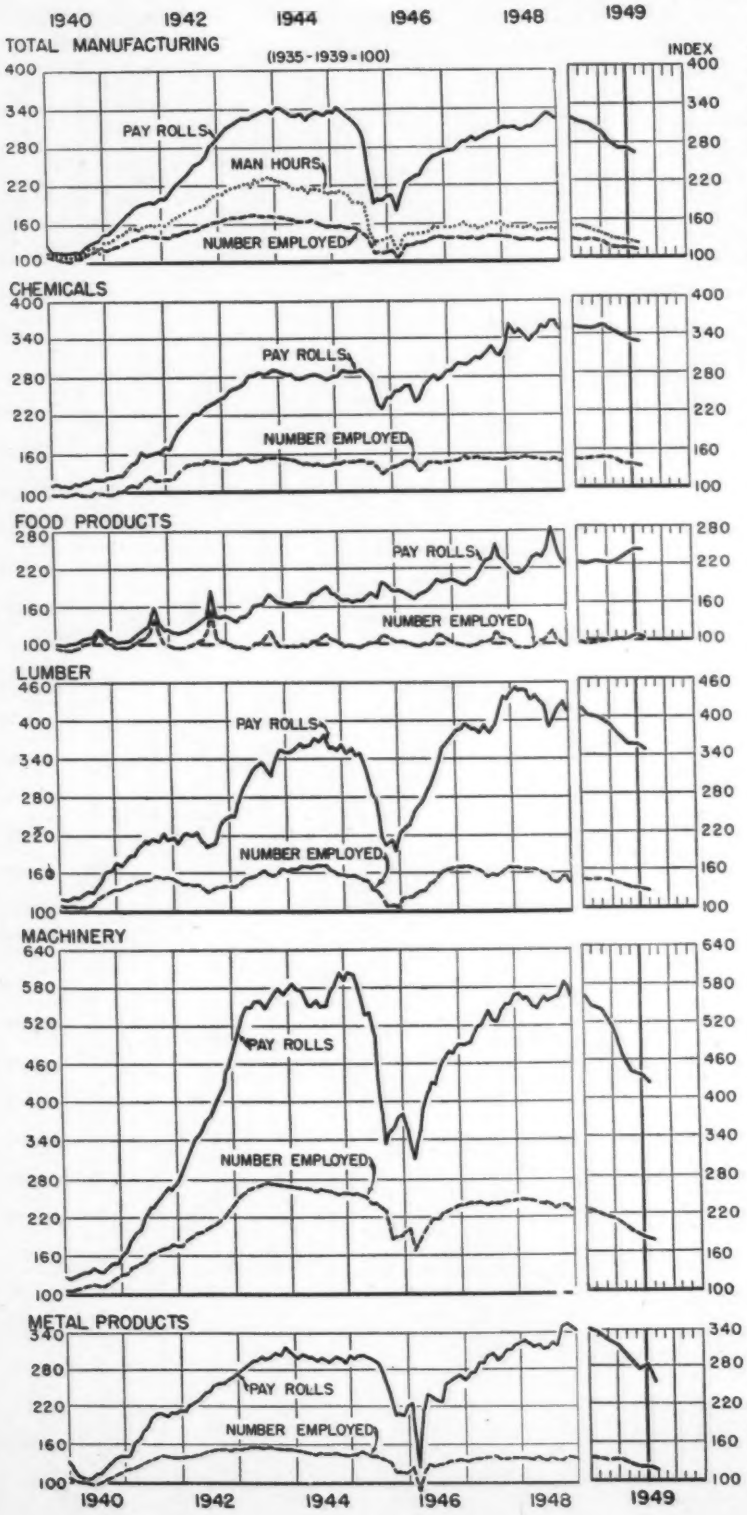
## NEW AUTOMOBILE REGISTRATIONS[2]

| Make of Car | 7 MAJOR OHIO COUNTIES[(a)] July 1949 | June 1949 | Change: July 1949 from June 1949 | Change: July 1949 from July 1948 | Percentage of Total 7 mos. 1949 |
|---|---|---|---|---|---|
| | No. | No. | % | % | % |
| Chevrolet | 4,216 | 4,271 | — 1 | + 97 | 23 |
| Ford | 2,289 | 1,531 | + 50 | + 64 | 15 |
| Plymouth | 1,573 | 1,804 | — 13 | + 18 | 11 |
| Pontiac | 1,068 | 1,205 | — 11 | + 44 | 7 |
| Buick | 1,011 | 1,298 | — 22 | — 2 | 9 |
| Dodge | 938 | 1,050 | — 11 | + 10 | 5 |
| Oldsmobile | 868 | 942 | — 8 | — 25 | 6 |
| Studebaker | 519 | 573 | — 9 | + 33 | 3 |
| Mercury | 508 | 383 | + 33 | — 3 | 3 |
| Nash | 440 | 417 | + 6 | + 15 | 3 |
| Chrysler | 392 | 441 | — 11 | — 1 | 3 |
| Hudson | 359 | 435 | — 17 | — 6 | 3 |
| De Soto | 320 | 330 | — 3 | — 3 | 2 |
| Packard | 305 | 308 | — 1 | + 17 | 2 |
| Kaiser | 230 | 314 | — 27 | — 38 | 2 |
| Cadillac | 213 | 228 | — 7 | — 10 | 2 |
| Willys | 95 | 98 | — 3 | + 94 | 1 |
| Lincoln | 71 | 48 | + 48 | — 60 | 1 |
| Frazer | 43 | 39 | + 10 | — 69 | x |
| Crosley | 27 | 28 | — 4 | — 82 | x |
| Others | 13 | 37 | — 65 | — 65 | x |
| Total | 15,498 | 15,780 | — 2 | + 29 | 100 |

(a) Does not include Mahoning County.



# Number Employed, Pay Rolls, nd




**Manufacturing Employment** dropped 3 per cent in July from June, 15 per cent from July 1948, and for the first 7 months of the year was 10 per cent below the same period for last year. All of the major manufacturing industry groups reported declines in July from June, from July 1948, and for the first 7 months of the year.

**Manufacturing Pay Rolls** dropped 3 per cent in June from July, 14 per cent from July 1948, and 7 per cent for the first 7 months of the year. All but 2 of the 11 major manufacturing groups reported pay roll declines in July from June and all groups reported declines from July 1948. For the first 7 months of the year 9 of the major groups reported declines and 2 increases.

**Man-Hours** worked in manufacturing industries dropped 4 per cent in July from June, 17 per cent from July 1948, and 13 per cent for the first 7 months of the year as com-

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| INDUSTRIAL GROUP | Number Employed: Index 1935–39=100 | | Number Employed: Change | | | Index 1935–39=1 |
|---|---|---|---|---|---|---|
| | July 1949 | June 1949 | July 1949 from June 1949 | July 1949 from July 1948 | 7 mos. 1949 from 1948 | July 1949 |
| | | | % | % | % | |
| **TOTAL (3869)** w | 125 | 128 | — 2 | — 11 | — 7 | 239 |
| **All Manufacturing (1769)** w | 112 | 115 | — 3 | — 15 | — 10 | 242 |
| Chemicals (128) s | 133 | 137 | — 3 | — 13 | — 6 | 237 |
| Food Products (183) | 102 | 103 | — 1 | — 4 | — 1 | 241 |
| Bakery (49) | 100 | 103 | — 3 | + 1 | + x | 250 |
| Miscellaneous (134) | 98 | 98 | — x | — 5 | — 2 | 230 |
| Lumber Products (89) | 126 | 132 | — 4 | — 19 | — 14 | 246 |
| Furniture (40) | 121 | 126 | — 4 | — 17 | — 13 | 235 |
| Miscellaneous (49) | 96 | 101 | — 5 | — 21 | — 22 | 179 |
| Machinery (309) | 177 | 183 | — 3 | — 24 | — 17 | 322 |
| Electrical Mach., Apparatus and Supplies (75) | 199 | 203 | — 2 | — 26 | — 19 | 343 |
| Machine Tools (28) | 107 | 112 | — 4 | — 30 | — 24 | 291 |
| Material Handling and Power Machinery (10) | 177 | 191 | — 7 | — 9 | + 7 | 349 |
| Spec. Mach. & Appl. (196) | 111 | 114 | — 3 | — 23 | — 15 | 276 |
| Metal Products (427) | 116 | 120 | — 4 | — 16 | — 9 | 235 |
| Foundry Products and Drop Forgings (24) | 129 | 130 | — 1 | — 10 | — 4 | 276 |
| Pipes, Pumps, Valves and Plumbers' Supplies (9) | 80 | 80 | — 1 | — 22 | — 14 | 178 |
| Screw Machine Products and Hardware (36) | 116 | 118 | — 2 | — 24 | — 14 | 281 |
| Sheet Metal Work (63) | 114 | 110 | + 3 | + 25 | — 20 | 301 |
| Steel Works and Rolling Mills (55) | 114 | 120 | — 4 | — 9 | — 2 | 242 |
| Stoves and Furnaces (26) | 79 | 87 | — 9 | — 35 | — 31 | 176 |
| Miscellaneous (214) | 136 | 142 | — 4 | — 19 | — 13 | 292 |
| Paper and Printing (234) | 121 | 122 | — 1 | — 8 | — 4 | 255 |
| Paper, inc. Stationery (16) | 116 | 118 | — 1 | — 7 | — 4 | 248 |
| Print. and Publish. (135) | 135 | 135 | — x | — 4 | — x | 275 |
| Miscellaneous (83) | 106 | 109 | — 3 | — 15 | — 9 | 250 |
| Rubber Products (35) | 111 | 117 | — 5 | — 14 | — 12 | 224 |
| Tire and Tubes (6) | 106 | 114 | — 7 | — 16 | — 11 | 215 |
| Miscellaneous (29) | 135 | 131 | + 3 | — 12 | — 16 | 297 |
| Stone, Clay, and Glass Products (108) | 111 | 116 | — 5 | — 10 | — 5 | 230 |
| Brick and Tile (25) | 129 | 130 | — 1 | — 8 | — 5 | 207 |
| Glass (16) | 95 | 105 | — 10 | — 14 | — 7 | 234 |
| Vitreous and Semi-Vitreous China and Pottery (24) | 119 | 122 | — 2 | — 9 | — 2 | 177 |
| Miscellaneous (43) | 88 | 88 | — 1 | — 6 | — 4 | 166 |
| Textiles (104) | 82 | 82 | — x | — 4 | — 7 | 209 |
| Men's Clothing (35) | 82 | 85 | — 3 | — 3 | — 5 | 195 |
| Miscellaneous (69) | 75 | 73 | + 1 | — 5 | — 9 | 210 |
| Vehicles (60) | 121 | 124 | — 3 | — 11 | — 9 | 247 |
| Autos and Parts (32) | 108 | 110 | — 3 | — 12 | — 10 | 216 |
| Cars, Electric and Street Railway (1) | 140 | 139 | + 1 | — 38 | — 25 | 315 |
| Miscellaneous (27) | 289 | 297 | — 3 | — x | — 4 | 320 |
| Misc. Manufacturing (92) | 85 | 86 | — 1 | — 23 | — 12 | 185 |
| **Tot. Trade & Pub. Util. (1342)** w | 121 | 124 | — 2 | — 5 | — 1 | 229 |
| Service (228) | 105 | 105 | — x | — 4 | — 2 | 189 |
| Trade (Ret. & Whl.) (1050) | 116 | 121 | — 5 | — 6 | — 2 | 221 |
| Transp. & Pub. Util. (64) | 145 | 142 | + 2 | — 1 | + 2 | 291 |
| **Construction (679)** | 157 | 149 | + 6 | — 15 | — 14 | 316 |
| **Mines and Quarries (79)** | e | e | — 3 | — 6 | + 4 | |

Indexes of Number employed and of pay rolls are based on the employm of 53 of 504,070 persons in 2,952 firms. Figures in parentheses show number rms r man-hours.

For sources and footnotes, see page 2.

# s, nd Man-Hours in Ohio Industry

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June
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major
n July
July
major

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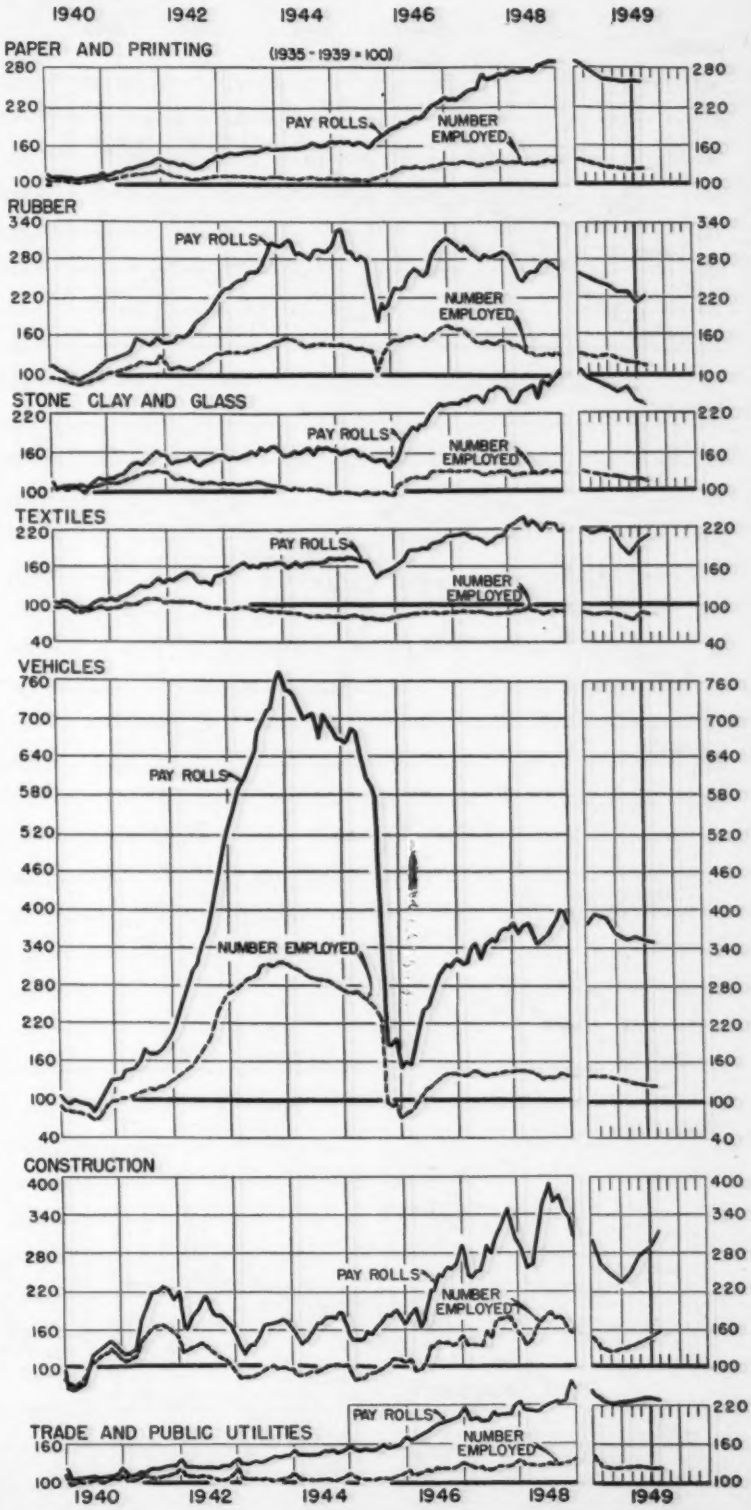
1948,
s com-

pared with the same period last year. All but 2 of the major manufacturing groups reported declines in July from June, and all of the groups reported declines from July 1948 and for the first 7 months of the year as compared with last year.

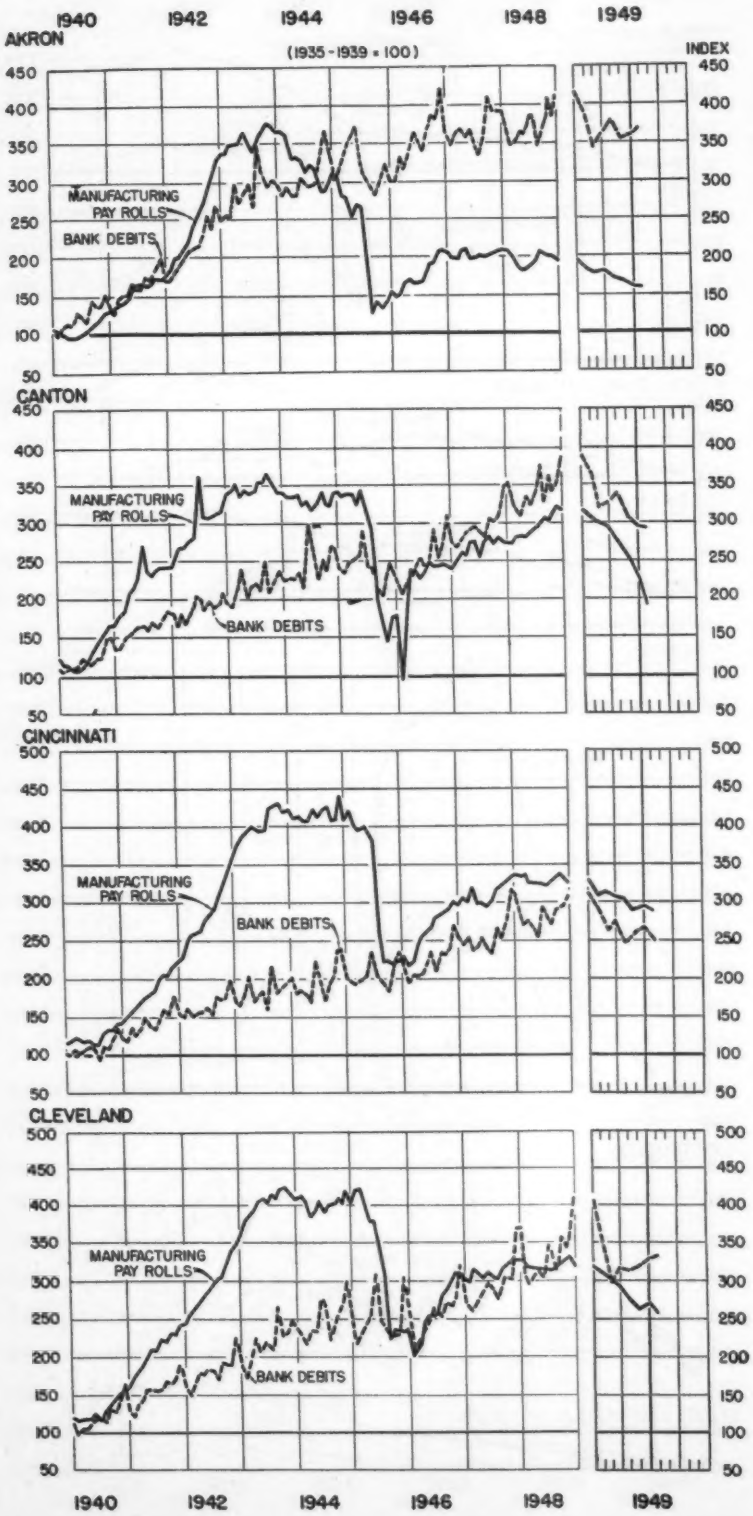
**Trade and Public Utility Employment** dropped 2 per cent in July from June, 5 per cent from July 1948, and for the first 7 months was 1 per cent below last year. Pay rolls dropped 1 per cent in July from June but were 1 per cent above July 1948, and for the first 7 months of the year were 4 per cent above the same period last year. Man-hours dropped 1 per cent in July from June, 7 per cent from July 1948, and 4 per cent for the first 7 months of the year. Construction employment was up 6 per cent in July from June but was 15 per cent below July 1948, and for the first 7 months of the year was down 14 per cent from last year.

| | | | Pay Rolls[5] | | | | | Man-Hours[5] | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Index 1935-39=100 | | Change | | | Index 1935-39=100 | | Change | | |
| | | | July 1949 | June 1949 | July 1949 from June 1949 | July 1949 from July 1948 | 7 mos. 1949 from 1948 | July 1949 | June 1949 | July 1949 from June 1949 | July 1949 from July 1948 | 7 mos. 1949 from 1948 |
| | | | % | | % | % | % | | | % | % | % |
| — 7 | [illegible] | [illegible] | [illegible] | 293 | — 1 | — 9 | — 4 | c | c | — 2 | — 13 | — 10 |
| — 10 | [illegible] | [illegible] | [illegible] | 271 | — 3 | — 14 | — 7 | 122 | 127 | — 4 | — 17 | — 13 |
| — 6 | [illegible] | [illegible] | [illegible] | 328 | — x | — 6 | — 1 | 141 | 144 | — 1 | — 11 | — 7 |
| — 1 | [illegible] | [illegible] | [illegible] | 242 | — 1 | — x | + 1 | 99 | 102 | — 3 | — 7 | — 4 |
| + x | [illegible] | [illegible] | [illegible] | 254 | — 2 | + 8 | + 9 | 113 | 116 | — 3 | + x | + 1 |
| — 2 | [illegible] | [illegible] | [illegible] | 231 | — x | — 2 | — 1 | 87 | 90 | — 4 | — 9 | — 6 |
| — 16 | [illegible] | [illegible] | [illegible] | 360 | — 4 | — 15 | — 14 | 137 | 144 | — 5 | — 19 | — 19 |
| — 13 | [illegible] | [illegible] | [illegible] | 386 | — x | — 12 | — 12 | 137 | 139 | — 2 | — 17 | — 16 |
| — 22 | [illegible] | [illegible] | [illegible] | 290 | — 10 | — 22 | — 19 | 88 | 97 | — 9 | — 23 | — 24 |
| — 17 | [illegible] | [illegible] | [illegible] | 440 | — 4 | — 22 | — 14 | 183 | 190 | — 3 | — 24 | — 19 |
| — 19 | [illegible] | [illegible] | [illegible] | 473 | — 2 | — 24 | — 16 | 213 | 218 | — 2 | — 25 | — 19 |
| — 24 | [illegible] | [illegible] | [illegible] | 214 | — 6 | — 34 | — 27 | 96 | 102 | — 7 | — 36 | — 30 |
| + 7 | [illegible] | [illegible] | [illegible] | 563 | — 10 | + 1 | + 22 | 210 | 231 | — 9 | — 4 | + 13 |
| — 15 | [illegible] | [illegible] | [illegible] | 289 | — 5 | — 20 | — 12 | 103 | 107 | — 4 | — 22 | — 18 |
| — 9 | [illegible] | [illegible] | [illegible] | 277 | — 8 | — 18 | — 6 | 115 | 128 | — 8 | — 22 | — 13 |
| — 4 | [illegible] | [illegible] | [illegible] | 292 | — 6 | — 12 | — 1 | 135 | 137 | — 1 | — 14 | — 8 |
| — 14 | [illegible] | [illegible] | [illegible] | 176 | + 1 | — 24 | — 13 | 76 | 75 | + 1 | — 28 | — 20 |
| — 14 | [illegible] | [illegible] | [illegible] | 262 | — x | — 24 | — 16 | 118 | 122 | — 4 | — 27 | — 21 |
| — 20 | [illegible] | [illegible] | [illegible] | 290 | + 1 | — 21 | — 19 | 125 | 126 | — x | — 26 | — 24 |
| — 2 | [illegible] | [illegible] | [illegible] | 277 | — 12 | — 14 | + 4 | 114 | 130 | — 12 | — 19 | — 4 |
| — 31 | [illegible] | [illegible] | [illegible] | 187 | — 6 | — 41 | — 34 | 95 | 81 | — 7 | — 43 | — 37 |
| — 13 | [illegible] | [illegible] | [illegible] | 302 | — 3 | — 16 | — 12 | 143 | 148 | — 4 | — 20 | — 17 |
| — 4 | [illegible] | [illegible] | [illegible] | 263 | — 2 | — 5 | — 2 | 120 | 122 | — 2 | — 9 | — 7 |
| — 4 | [illegible] | [illegible] | [illegible] | 299 | — 4 | — 9 | — 10 | 131 | 132 | — 1 | — 9 | — 12 |
| — x | [illegible] | [illegible] | [illegible] | 276 | — 1 | + x | + 3 | 130 | 132 | — 1 | — 5 | — 4 |
| — 9 | [illegible] | [illegible] | [illegible] | 259 | — 3 | — 12 | — 5 | 108 | 112 | — 4 | — 16 | — 10 |
| — 12 | [illegible] | [illegible] | [illegible] | 216 | + 4 | — 14 | — 10 | 134 | 131 | + 2 | — 16 | — 15 |
| — 11 | [illegible] | [illegible] | [illegible] | 205 | + 5 | — 16 | — 11 | 138 | 133 | + 4 | — 18 | — 15 |
| — 16 | [illegible] | [illegible] | [illegible] | 293 | + 1 | — 1 | — 10 | 119 | 121 | — 1 | — 6 | — 15 |
| — 5 | [illegible] | [illegible] | [illegible] | 240 | — 4 | — 2 | + 2 | 95 | 101 | — 5 | — 9 | — 5 |
| — 5 | [illegible] | [illegible] | [illegible] | 313 | — 2 | — 9 | — x | 132 | 133 | — x | — 12 | — 8 |
| — 7 | [illegible] | [illegible] | [illegible] | 245 | — 4 | + 6 | + 6 | 86 | 93 | — 8 | — 4 | — 3 |
| — 2 | [illegible] | [illegible] | [illegible] | 189 | — 7 | — 7 | + 3 | 71 | 77 | — 7 | — 14 | — 1 |
| — 4 | [illegible] | [illegible] | [illegible] | 169 | — 2 | — 4 | — 6 | 79 | 80 | — 2 | — 6 | — 10 |
| — 7 | [illegible] | [illegible] | [illegible] | 197 | + 6 | — 2 | — 11 | 89 | 85 | + 4 | — 6 | — 14 |
| — 5 | [illegible] | [illegible] | [illegible] | 191 | + 2 | — 9 | — 13 | 92 | 92 | — 1 | — 12 | — 14 |
| — 9 | [illegible] | [illegible] | [illegible] | 293 | + 8 | + 1 | — 10 | 85 | 79 | + 7 | — 4 | — 14 |
| — 9 | [illegible] | [illegible] | [illegible] | 350 | — 1 | — 6 | — 2 | 145 | 146 | — x | — 7 | — 8 |
| — 10 | [illegible] | [illegible] | [illegible] | 319 | — 1 | — 7 | — 1 | 131 | 131 | — x | — 9 | — 8 |
| — 25 | [illegible] | [illegible] | [illegible] | 210 | + 2 | — 30 | — 22 | 158 | 155 | + 2 | — 35 | — 27 |
| — 4 | [illegible] | [illegible] | [illegible] | 828 | — 1 | + 3 | + x | 305 | 306 | — x | + 2 | — 4 |
| — 12 | [illegible] | [illegible] | [illegible] | 187 | — 1 | — 20 | — 10 | 118 | 118 | — 1 | — 26 | — 15 |
| — 1 | [illegible] | [illegible] | [illegible] | 231 | — 1 | + 1 | + 4 | 119 | 120 | — 1 | — 7 | — 4 |
| — 2 | [illegible] | [illegible] | [illegible] | 159 | — x | + x | + 4 | 92 | 95 | — 3 | — 11 | — 9 |
| — 2 | [illegible] | [illegible] | [illegible] | 229 | — 4 | + 1 | + 4 | 120 | 121 | — 1 | — 6 | — 4 |
| + 2 | [illegible] | [illegible] | [illegible] | 281 | + 3 | + 3 | + 6 | 162 | 159 | + 3 | — 5 | — x |
| — 14 | [illegible] | [illegible] | [illegible] | 290 | + 9 | — 18 | — 14 | c | c | + 9 | — 17 | — 16 |
| + 4 | [illegible] | [illegible] | [illegible] | c | + 15 | — 16 | + 1 | c | c | + 19 | — 18 | — 5 |

employm of 534,534 persons in 3,869 firms; indexes of man-hours, on the employment number rms reporting employment and payroll. In some cases fewer firms report



# Business Conditions in




## AKRON

Bank debits increased 3 per cent in July from June, but they were 3 per cent below July 1948. Retail sales decreased 10 per cent from June, and 12 per cent from July 1848. Cost of living decreased 1 per cent from June and 2 per cent from July 1948. Industrial power consumption was 11 per cent below June and 18 per cent less than in July 1948.

Employment and pay rolls were generally down from June 1949 and July 1948, the only exception being in the trade and public utilities group where employment increased 9 per cent and pay rolls increased 11 per cent from July 1948.

## CANTON

Bank debits decreased fractionally from June, and were 20 per cent below July 1948. Retail sales decreased 16 per cent from June and 15 per cent from July 1948.

Total employment decreased 4 per cent from June and 12 per cent from July 1948. Manufacturing and construction employment showed similar decreases, while nonmanufacturing employment decreased only 1 per cent from June and was 1 per cent above July 1948. Total pay rolls decreased 11 per cent from June and 15 per cent from July 1948.

## CINCINNATI

Bank debits decreased 6 per cent in July from June and 10 per cent from July 1948. Retail sales decreased 10 per cent from June and were 16 per cent less than in July 1948. Retail food prices dropped 9 per cent, while the cost of living decreased 2 per cent from July 1948.

There was a general decrease in July employment and pay rolls, except in the case of construction, when employment increased 10 per cent and pay rolls increased 18 per cent from June.

The steel industry operated at 88 per cent of capacity in July, dropping 7 points from the June rate and 12 points from the July 1948 level.

## CLEVELAND

Bank debits increased 2 per cent in July from June and 1 per cent from July 1948. Retail sales decreased 9 per cent from June and also from July 1948. Retail food prices decreased 8 per cent and the cost of living was 3 per cent below July 1848.

Total employment decreased 1 per cent in July from June and 10 per cent from July 1948. Changes in manufacturing employment were similar to the total, while nonmanufacturing employment decreased 1 per cent from July 1948. Total pay rolls decreased 7 per cent from June and 8 per cent from July 1948.

The steel industry operated at 80 per cent of capacity in July, dropping 10 points from June.

| ITEM<br>Unit or Index<br>Base Period | July 1949 | June 1949 | Change from Last Month: July 1949 from June 1949 | Change from Last Year: July 1949 from July 1948 | Change from Last Year: 7 mos. 1949 from 1948 |
|---|---|---|---|---|---|
| **AKRON** | | | | | |
| | | | % | % | % |
| Number Employed:[5,g] | | | | | |
| Total[w] (202)[a] ..... *1935–39* | 101 | 107 | — 6 | — 8 | — 2 |
| All Manufacturing (62)[a] ..... " | 86 | 93 | — 8 | — 15 | — 10 |
| Trade & Public Util. (109)[a] ... " | 139 | 143 | — 3 | + 9 | + 18 |
| Construction (31)[a] ..... " | 104 | 105 | — 1 | — 31 | — 14 |
| • Pay Rolls:[5,g] Total[w] (212)[a] ..... " | 190 | 193 | — 2 | — 7 | — x |
| All Manufacturing (62)[a] ..... " | 157 | 162 | — 3 | — 19 | — 10 |
| Trade & Public Util. (109)[a] ... " | 274 | 275 | — x | + 11 | + 14 |
| Construction (31)[a] ..... " | 351 | 354 | — 1 | — 24 | — 9 |
| Ret. Sales—Independent Stores[4] (94)[a] % | c | c | — 10 | — 12 | + x |
| Auto Registrations:[5,g] New Cars .....*No.* | 1367 | 1452 | — 6 | + 10 | + 20 |
| " " New Trucks ... " | 114 | 129 | — 12 | — 45 | — 26 |
| Cost of Living[20] .....*Jan. 1939* | 164 | 165 | — 1 | — 2 | + x |
| • Bank Debits Index[5,f] .....*1935–39* | 370 | 360 | + 3 | — 3 | — 1 |
| Commercial Failures[12] .....*No.* | 4 | 4 | 0† | + 3† | + 18† |
| " Liabilities[12] .....*Thous. Dol.* | 17 | 48 | — 65 | — 95 | — 21 |
| Indus. Power Consump. Index[1,f] .*1935–39* | 266 | 299 | — 11 | — 18 | — 10 |
| Val. Bldg. Permits[5,f]—Total[b] ..... " | 749 | 1079 | — 31 | — 15 | — 27 |
| Residential ..... " | 1338 | 1065 | + 26 | + 3 | — 25 |
| Nonresidential ..... " | 218 | 1663 | — 87 | — 67 | — 35 |
| **CANTON** | | | | | |
| Number Employed:[5,g] | | | | | |
| Total[w] (179)[a] .....*1935–39* | 134 | 140 | — 4 | — 12 | — 3 |
| All Manufacturing (74)[a] ..... " | 136 | 145 | — 6 | — 17 | — 7 |
| Trade & Public Util. (74)[a] .... " | 127 | 128 | — 1 | + 1 | + 3 |
| Construction (31)[a] ..... " | 163 | 173 | — 6 | — 14 | + 26 |
| • Pay Rolls:[5,g] Total[w] (179)[a] ..... " | 224 | 251 | — 11 | — 15 | — 1 |
| All Manufacturing (74)[a] ..... " | 191 | 228 | — 17 | — 22 | — 4 |
| Trade & Public Util. (74)[a] .... " | 292 | 289 | + 1 | + 5 | + 5 |
| Construction (31)[a] ..... " | 350 | 356 | — 2 | — 1 | + 49 |
| Ret. Sales—Independent Stores[4] (27)[a] % | c | c | — 16 | — 15 | — x |
| Auto Registrations:[5,g] New Cars .....*No.* | 909 | 924 | — 2 | + 25 | + 23 |
| " " New Trucks ... " | 105 | 96 | + 9 | — 37 | — 16 |
| • Bank Debits Index[5,f] .....*1935–39* | 293 | 295 | — x | — 29 | — 1 |
| Commercial Failures[12] .....*No.* | 1 | 0 | + 1† | + 1† | + 1† |
| " Liabilities[12] .....*Thous. Dol* | 235 | 0 | + y | + y | + y |
| Val. Bldg. Permits[5,f] Total[b] .....*1935–39* | 458 | 421 | + 9 | — 4 | + 4 |
| Residential ..... " | 771 | 656 | + 18 | + 42 | + 12 |
| Nonresidential ..... " | 183 | 235 | — 22 | — 66 | — 17 |
| **CINCINNATI** | | | | | |
| Number Employed:[5,g] | | | | | |
| Total[w] (719)[a] .....*1935–39* | 105 | 110 | — 5 | — 14 | — 10 |
| All Manufacturing (313)[a] ..... " | 124 | 128 | — 3 | — 15 | — 12 |
| Trade & Public Util. (304)[a] .... " | 86 | 96 | — 10 | — 14 | — 9 |
| Construction (102)[a] ..... " | 112 | 102 | + 10 | — 1 | — 9 |
| • Pay Rolls:[5,g] Total[w] (719)[a] ..... " | 230 | 239 | — 4 | — 11 | — 7 |
| All Manufacturing (313)[a] ..... " | 288 | 296 | — 3 | — 11 | — 9 |
| Trade & Public Util. (304)[a] .... " | 183 | 199 | — 8 | — 10 | — 4 |
| Construction (102)[a] ..... " | 231 | 195 | + 18 | — 9 | — 8 |
| Ret. Sales—Independent Stores[4] (226)[a] % | c | c | — 10 | — 16 | — 4 |
| Auto Registrations:[5,g] New Cars .....*No.* | 2658 | 2517 | + 6 | + 23 | + 23 |
| " " New Trucks ... " | 261 | 320 | — 18 | — 39 | — 33 |
| Cost of Living[20] .....*Jan. 1939* | 164 | 164 | — x | — 2 | — x |
| Retail Food Price Index[18] .....*1935–39* | 201 | 204 | — 2 | — 9 | — 5 |
| • Bank Debits Index[5,f] .....*1935–39* | 250 | 266 | — 6 | — 10 | — 4 |
| Commercial Failures[12] .....*No.* | 5 | 5 | 0† | + 2† | + 15† |
| " Liabilities[12] .....*Thous. Dol.* | 146 | 110 | + 33 | +121 | +256 |
| Val. Bldg. Permits[5,f] Total[b] .....*1935–39* | 219 | 224 | — 2 | — 49 | — 31 |
| Residential ..... " | 64 | 142 | — 55 | — 61 | — 45 |
| Nonresidential ..... " | 363 | 45 | +810 | — 58 | — 28 |
| Steel Ind. Oper. Rate[13] *4 Wks. Av. % Cap.* | 88 | 95 | — 8 | — 12 | + 5 |
| **CLEVELAND** | | | | | |
| Number Employed:[5,g] | | | | | |
| Total[w] (880)[a] .....*1935–39* | 125 | 126 | — 1 | — 10 | — 7 |
| All Manufacturing (448)[a] ..... " | 120 | 121 | — 1 | — 15 | — 12 |
| Trade & Public Util. (251)[a] .... " | 122 | 123 | — 1 | — 1 | + 18 |
| Construction (181)[a] ..... " | 418 | 414 | + 1 | — 29 | — 25 |
| • Pay Rolls:[5,g] Total[w] (880)[a] ..... " | 274 | 293 | — 7 | — 8 | — 2 |
| All Manufacturing (448)[a] ..... " | 257 | 270 | — 5 | — 17 | — 11 |
| Trade & Public Util. (251)[a] .... " | 246 | 259 | — 5 | + 2 | + 6 |
| Construction (181)[a] ..... " | 493 | 479 | + 3 | — 30 | — 25 |
| Ret. Sales—Independent Stores[4] (316)[a] % | c | c | — 9 | — 9 | + 1 |
| Auto Registrations:[5,g] New Cars .....*No.* | 5364 | 5840 | — 8 | + 26 | + 28 |
| " " New Trucks ... " | 417 | 399 | + 5 | — 38 | — 37 |
| Cost of Living[20] .....*Jan. 1939* | 163 | 163 | — x | — 3 | — 1 |
| Retail Food Price Index[18] .....*1935–39* | 209 | 211 | — 1 | — 8 | — 3 |
| • Bank Debits Index[5,f] .....*1935–39* | 334 | 327 | + 2 | + 1 | + 2 |
| Commercial Failures[12] .....*No.* | 13 | 13 | 0† | + 8† | + 35† |
| " Liabilities[12] .....*Thous. Dol.* | 198 | 535 | — 63 | +154 | +365 |
| Val. Bldg. Permits[5,f] Total[b] .....*1935–39* | 339 | 323 | + 5 | — 22 | — 13 |
| Residential ..... " | 285 | 234 | + 22 | + 52 | + 16 |
| Nonresidential ..... " | 597 | 463 | + 29 | — 46 | — 32 |
| Steel Ind. Oper. Rate[13] *4 Wks. Av. % Cap.* | 80 | 90 | — 11 | — 18 | + 1 |

• Indicates Series Charted (Page 6). For Sources and Footnotes, see Page 2.

| ITEM — Unit or Index — Base Period | July 1949 | June 1949 | Change from Last Month: July 1949 from June 1949 | Change from Last Year: July 1949 from July 1948 | Change from Last Year: 7 mos. 1949 from 1948 |
|---|---|---|---|---|---|
| **COLUMBUS** | | | | | |
| | | | % | % | % |
| Number Employed:[5,g] | | | | | |
| Total[w] (318)[a] ... *1935–39* | 127 | 129 | — 1 | — 6 | — 1 |
| All Manufacturing (105)[a] ... " | 120 | 123 | — 2 | — 11 | — 6 |
| Trade & Public Util. (181)[a] ... " | 125 | 126 | — 1 | — 4 | — x |
| Construction (32)[a] ... " | 221 | 204 | + 8 | + 15 | + 22 |
| • Pay Rolls:[5,g] Total[w] (318)[a] ... " | 290 | 292 | — 1 | — 3 | + 4 |
| All Manufacturing (105)[a] ... " | 343 | 357 | — 4 | — 11 | — 3 |
| Trade & Public Util. (181)[a] ... " | 235 | 237 | — 1 | + x | + 6 |
| Construction (32)[a] ... " | 525 | 480 | + 9 | + 18 | + 49 |
| Ret. Sales—Independent Stores[4] (170)[a] ... % | e | e | — 7 | + 2 | + 3 |
| Auto Registrations:[5,g] New Cars ... *No.* | 1792 | 1789 | + x | + 42 | + 33 |
| " " New Trucks ... " | 143 | 216 | — 34 | — 53 | — 27 |
| Retail Food Price Index[13] ... *1935–39* | 183 | 185 | — 1 | — 9 | — 6 |
| • Bank Debits Index[5,f] ... *1935–39* | 329 | 320 | + 3 | — 8 | + 4 |
| Commercial Failures[12] ... *No.* | 6 | 5 | + 1† | + 5† | + 22† |
| " Liabilities[12] ... *Thous. Dol.* | 112 | 104 | + 8 | +409 | +331 |
| Val. Bldg. Permits[5,f] Total[b] ... *1935–39* | 1437 | 859 | + 67 | +215 | + 31 |
| Nonresidential ... " | 1159 | 873 | + 31 | +118 | + 45 |
| Residential ... " | 2702 | 809 | +234 | + y | +174 |
| **DAYTON** | | | | | |
| Number Employed:[5,g] | | | | | |
| Total[w] (251)[a] ... *1935–39* | 133 | 134 | — 1 | — 15 | — 12 |
| All Manufacturing (110)[a] ... " | 137 | 140 | — 2 | — 21 | — 16 |
| Trade & Public Util. (85)[a] ... " | 134 | 138 | — 3 | — 5 | — 4 |
| Construction (56)[a] ... " | 100 | 84 | + 19 | + 7 | — 2 |
| • Pal Rolls:[5,g] Total[w] (251)[a] ... " | 359 | 359 | + x | — 10 | — 6 |
| All Manufacturing (110)[a] ... " | 383 | 390 | — 2 | — 18 | — 12 |
| Trade & Public Util. (85)[a] ... " | 300 | 305 | — 2 | — 2 | + 2 |
| Construction (56)[a] ... " | 324 | 257 | + 26 | + 10 | + 4 |
| Ret. aSels—Independent Stores[4] (32)[a] ... % | e | e | — 7 | — 19 | — 14 |
| Auto Registrations:[5,g] New Cars ... *No.* | 1825 | 1791 | + 2 | + 45 | + 21 |
| " " New Trucks ... " | 132 | 136 | — 3 | — 28 | — 33 |
| Cost of Living[10] ... *Jan. 1939* | 156 | 156 | — 1 | — 5 | — 3 |
| • Bank Debits Index[5,f] ... *1935–39* | 346 | 337 | + 3 | — 11 | — 4 |
| Commercial Failures[12] ... *No.* | 3 | 2 | + 1† | + 3† | + 11† |
| " Liabilities[12] ... *Thous. Dol.* | 15 | 141 | — 89 | + y | — 75 |
| Indus. Power Consump. Index[1,f] ... *1935–39* | 277 | 265 | + 4 | + 2 | — x |
| Val. Bldg. Permits[5,f]—Total[b] ... " | 452 | 517 | — 13 | — 4 | + 6 |
| Residential ... " | 721 | 839 | — 14 | — 16 | — 8 |
| Nonresidential ... " | 228 | 164 | + 39 | + 6 | + 7 |
| **TOLEDO** | | | | | |
| Number Employed:[5,g] | | | | | |
| Total[w] (283)[a] ... *1935–39* | 94 | 95 | — 2 | — 14 | — 10 |
| All Manufacturing (115)[a] ... " | 92 | 95 | — 3 | — 21 | — 15 |
| Trade & Pub. Util. (123)[a] ... " | 95 | 97 | — 2 | — 4 | — 1 |
| Construction (45)[a] ... " | 111 | 95 | + 17 | — 19 | — 30 |
| • Pay Rolls:[5,g] Total[w] (283)[a] ... " | 195 | 202 | — 3 | — 8 | — 3 |
| All Manufacturing (115)[a] ... " | 184 | 189 | — 3 | — 16 | — 10 |
| Trade & Pub. Util. (123)[a] ... " | 189 | 191 | — 1 | — 1 | + 1 |
| Construction (45)[a] ... " | 210 | 174 | + 21 | — 23 | — 31 |
| Ret. Sales—Independent Stores[4] (133)[a] ... % | e | e | — 13 | — 10 | — 4 |
| Auto Registrations:[5,g] New Cars ... *No.* | 1583 | 1467 | + 8 | + 40 | + 20 |
| " " New Trucks ... " | 112 | 174 | — 36 | — 43 | — 33 |
| Cost of Living[10] ... *Jan. 1939* | 166 | 166 | + x | — 3 | — 2 |
| • Bank Debits Index[5,f] ... *1935–39* | 320 | 278 | + 15 | — 1 | — 7 |
| Commercial Failures[12] ... *No.* | 3 | 9 | — 6† | + 1† | + 10† |
| " Liabilities[12] ... *Thous. Dol.* | 81 | 189 | — 57 | — 18 | +181 |
| Indus. Power Consump. Index[1,f] ... *1935–39* | 246 | 253 | — 3 | + 4 | + 1 |
| Val. Bldg. Permits[5,f]—Total[b] ... " | 283 | 464 | — 39 | + 10 | — 21 |
| Residential ... " | 392 | 323 | + 22 | + 48 | + 1 |
| Nonresidential ... " | 126 | 628 | — 80 | — 46 | — 30 |
| **YOUNGSTOWN** | | | | | |
| Number Employed:[5,g] | | | | | |
| Total[w] (132)[a] ... *1935–39* | 123 | 122 | + 1 | — 8 | — 4 |
| All Manufacturing (36)[a] ... " | 139 | 142 | — 2 | — 4 | + x |
| Trade & Pub. Util. (76)[a] ... " | 124 | 114 | + 8 | — 9 | — 6 |
| Construction (20)[a] ... " | 23 | 27 | — 13 | — 63 | — 46 |
| • Pay Rolls:[5,g] Total[w] (132)[a] ... " | 241 | 256 | — 6 | — 13 | — x |
| All Manufacturing (36)[a] ... " | 274 | 307 | — 11 | — 8 | + 6 |
| Trade 8 Pub. Util. (76)[a] ... " | 267 | 242 | + 10 | + x | + 5 |
| Construction (20)[a] ... " | 92 | 103 | — 11 | — 37 | — 31 |
| Ret. Sales—Independent Stores[4] (122)[a] ... % | c | c | — 15 | — 15 | — 2 |
| Auto Registrations:[5,g] New Cars ... *No.* | b | b | b | b | b |
| " " New Trucks ... " | b | b | b | b | b |
| Cost of Living[10] ... *Jan. 1939* | 160 | 161 | — 1 | — 4 | — 1 |
| • Bank Debits Index[5,f] ... *1935–39* | 318 | 331 | — 4 | — 16 | — 2 |
| Commercial Failures[12] ... *No.* | 2 | 4 | — 2† | 0† | + 8† |
| " Liabilities[12] ... *Thous. Dol.* | 5 | 17 | — 71 | + y | + y |
| Indus. Power Consump. Index[1,f] ... *1935–39* | 188 | 202 | — 7 | — 7 | + 11 |
| Val. Bldg. Permits[5,f]—Total[b] ... " | 442 | 306 | + 45 | +100 | — 1 |
| Residential ... " | 576 | 485 | + 19 | +158 | + 67 |
| Nonresidential ... " | 382 | 194 | + 97 | +237 | — 42 |
| Steel Ind. Oper. Rate[13] *4 Wks. Av.* ... *% Cap.* | 67 | 90 | — 26 | — 32 | + 2 |

• Indicates Series Charted (Page 7). For Sources and Footnotes, see Page 2.

# the Chief Ohio Cities

## COLUMBUS

Bank debits increased 3 per cent from June, but they were 8 per cent below July 1948. Retail sales showed an opposite trend, decreasing 7 per cent from June and increasing 2 per cent from July 1948. Retail food prices decreased 1 per cent from June and 9 per cent from July 1948.

Total employment decreased 1 per cent from June and 6 per cent from July 1948. Changes in manufacturing and nonmanufacturing employment were similar to changes in the total. Construction employment increased 8 per cent from June and 15 per cent from July 1948. Total pay rolls decreased 1 per cent from June and 3 per cent from July 1948.

## DAYTON

Bank debits increased 3 per cent in July from June, but they were 11 per cent below July 1948. Retail sales decreased 7 per cent from June and 19 per cent from July 1948. Cost of living was 5 per cent below July 1948. Industrial power consumption increased 4 per cent from June and 2 per cent from July 1948.

Total employment decreased 1 per cent in July from June and 15 per cent from July 1948. Total pay rolls increased fractionally from June but were 10 per cent below July 1948.

## TOLEDO

Bank debits increased 15 per cent in July from June, but they were 1 per cent below July 1948. Retail sales decreased 13 per cent from June and 10 per cent from July 1948. Cost of living increased fractionally from June, but decreased 3 per cent from July 1948.

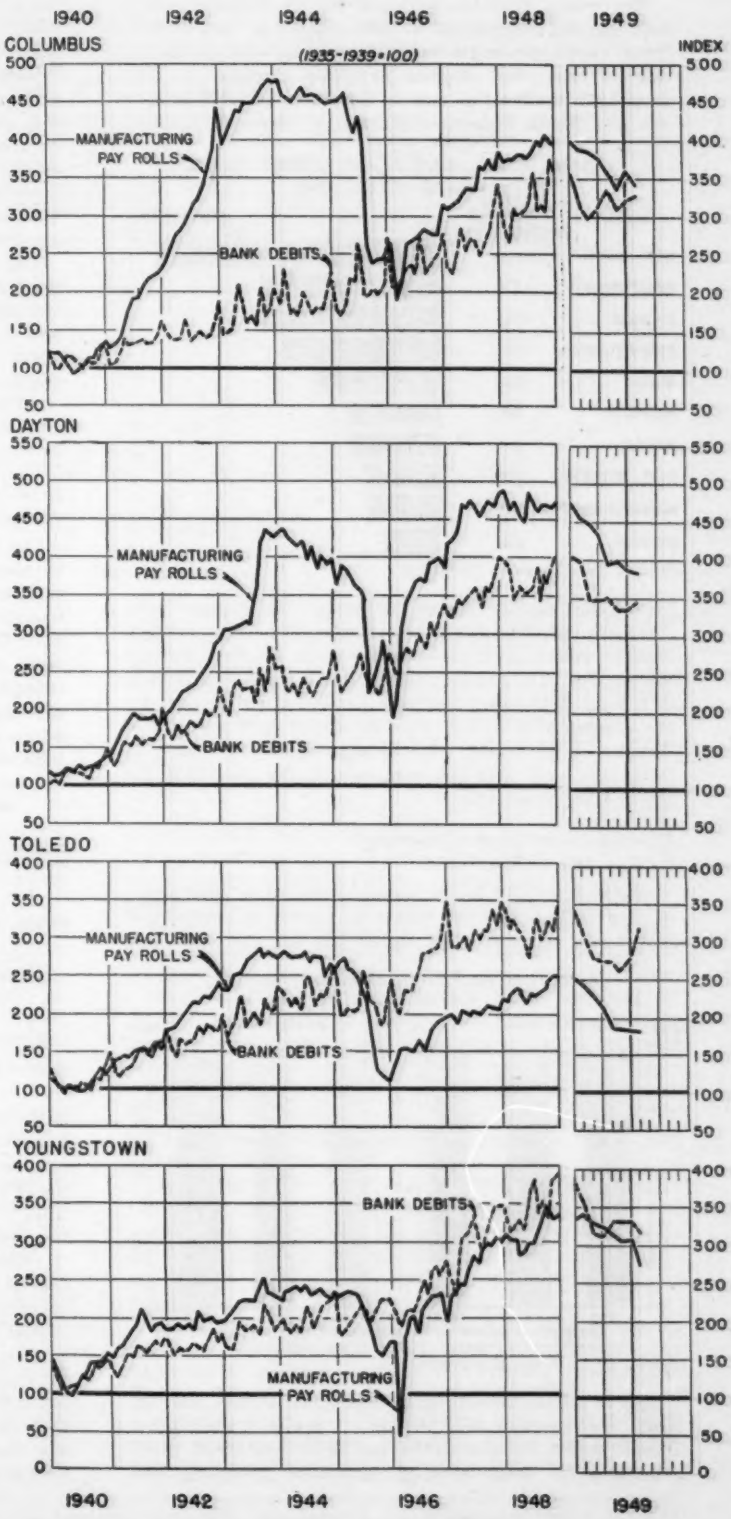
Total employment decreased 2 per cent in July from June and 14 per cent from July 1948. Changes in manufacturing employment were similar to the total while nonmanufacturing employment was 4 per cent below July 1948. Total pay rolls decreased 3 per cent from June and 8 per cent from July 1948.

## YOUNGSTOWN

Bank debits decreased 4 per cent in July from June and 16 per cent from July 1948. Retail sales decreased 15 per cent from June and also from July 1948. Cost of living was 4 per cent below July 1948. Industrial power consumption dropped 7 per cent from June and also from July 1948.

Total employment increased 1 per cent in July from June, but was 8 per cent below July 1948. Nonmanufacturing employment increased 8 per cent from June while other components decreased. Total pay rolls decreased 6 per cent from June and 13 per cent from July 1948.

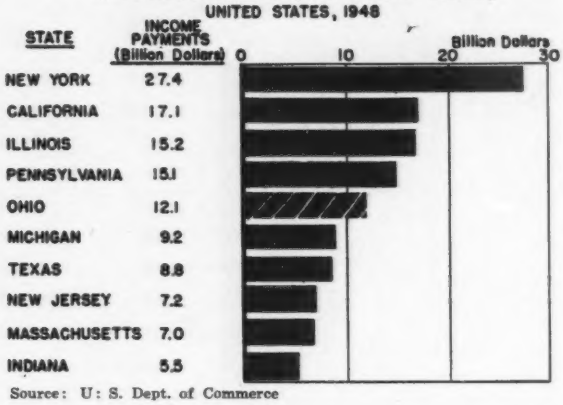
Steel operated at 67 per cent of capacity in July, a decrease of 23 points from June.



# TRENDS IN INCOME PAYMENTS IN OHIO AND THE UNITED STATES

The record high income payments to individuals from business and government in 1948 reflect the "full employment" and high wages and prices which were characteristic of that year. Income payments increased in 1948 from 1947 in almost all states. Decreases occurred in Kansas and North Dakota. The rate of increase, however,

TOTAL INCOME PAYMENTS, TEN LEADING STATES, UNITED STATES, 1948



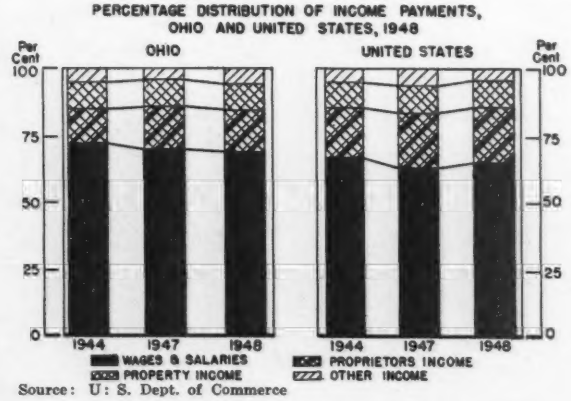

Source: U: S. Dept. of Commerce

varied considerably among the states. The greatest relative gains occurred in the central states, the smallest percentage increases occurred in the New England and far west states. The per cent increase in income payments in 1948 from 1947 was 11 per cent in Ohio and 9 per cent for the country as a whole. As a matter of fact, the rate of increase in 1948 from various significant years such as 1940, 1944, and 1946 has been greater for Ohio than for the country as a whole.

### Distribution by Type of Payment in Ohio and United States

Of the total 12.1 billion dollars received by individuals in 1948 in Ohio, 68.7 per cent was received in the form of wages and salaries after deductions for employee con-

PERCENTAGE DISTRIBUTION OF INCOME PAYMENTS, OHIO AND UNITED STATES, 1948




Source: U: S. Dept. of Commerce

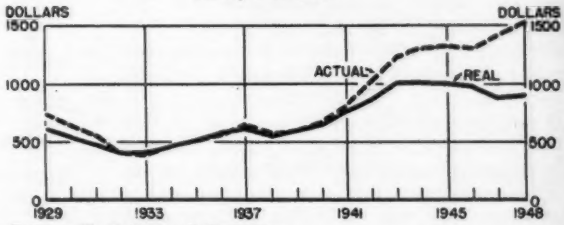
Property income consisting of dividends, interest, and net rents and royalties amounted to 9.7 per cent while other income which includes public assistance and direct relief tributions for social security, retirement programs, etc. An additional 15.6 per cent was received as proprietors' income, representing net income of unincorporated establishments, including farms, before owners' withdrawals, totaled 6.0 per cent. The percentage distribution of income payments to the various factors of production in 1948 as compared with 1947 was substantially unchanged. As compared with the last full war year, 1944, the share going in the form of wages and salaries in 1948 was down close to 3 percentage points while the share going in the form of property income increased more than 2 percentage points.

The distribution of income payments to individuals for the country as a whole in 1948 was 64.1 per cent as wages and salaries, 20.2 per cent as proprietors' income, 10.1 per cent as property income, and 5.6 per cent as other income. In 1948 wages and salaries constituted a bigger share of the total income payments in Ohio than in the country as a whole. On the other hand, proprietors' and property income was larger relative to the total for the country as a whole than for Ohio.

### Actual and Real Per Capita Income Payments in Ohio and United States

The average income payment per person (total income payments divided by the annual estimated population) reached record highs in 1948. Per capita income amounted to $1,548 in Ohio and to $1,410 in the country as a whole. Thus Ohio's per capita income was $138 (close to 10 per cent) greater than for the entire country. While Ohio ranked only eleventh among the various states on a per capita basis in 1948, it bettered its 1947 relative position which was fifteenth. In general, the southern states still have the lowest per capita income while the northern

ACTUAL AND REAL PER CAPITA INCOME PAYMENT, OHIO, 1929-1948




Source: U: S. Dept. of Commerce

and western states have the highest. The southern states, however, although below the national average, are not now below by as much as they were two decades ago. The highest per capita income of $1,891 was received in New York. Mississippi, with a per capita income of $758, had the lowest.

When money income is adjusted for changes in the cost of living so that the purchasing power of the dollar remains constant, the result is known as real income. Per capital real income in 1948 was $904 (1935-1939 dollars) in Ohio, and $824 in the country as a whole. The 1948 per capita real income was above that for 1947 in Ohio but was down from 1947 for the whole country. In both Ohio and the country as a whole per capita real income was down from the wartime levels but was up from the prewar levels.

*Sam Arnold*